



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H111050

**Mode:** Highway

**Status:** Submitted

### NC-108

**From/Cross Street:** I-26

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** US 176

**Project Category:** Regional Impact

**Length:** 3.53

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$23,370,000

#### Description:

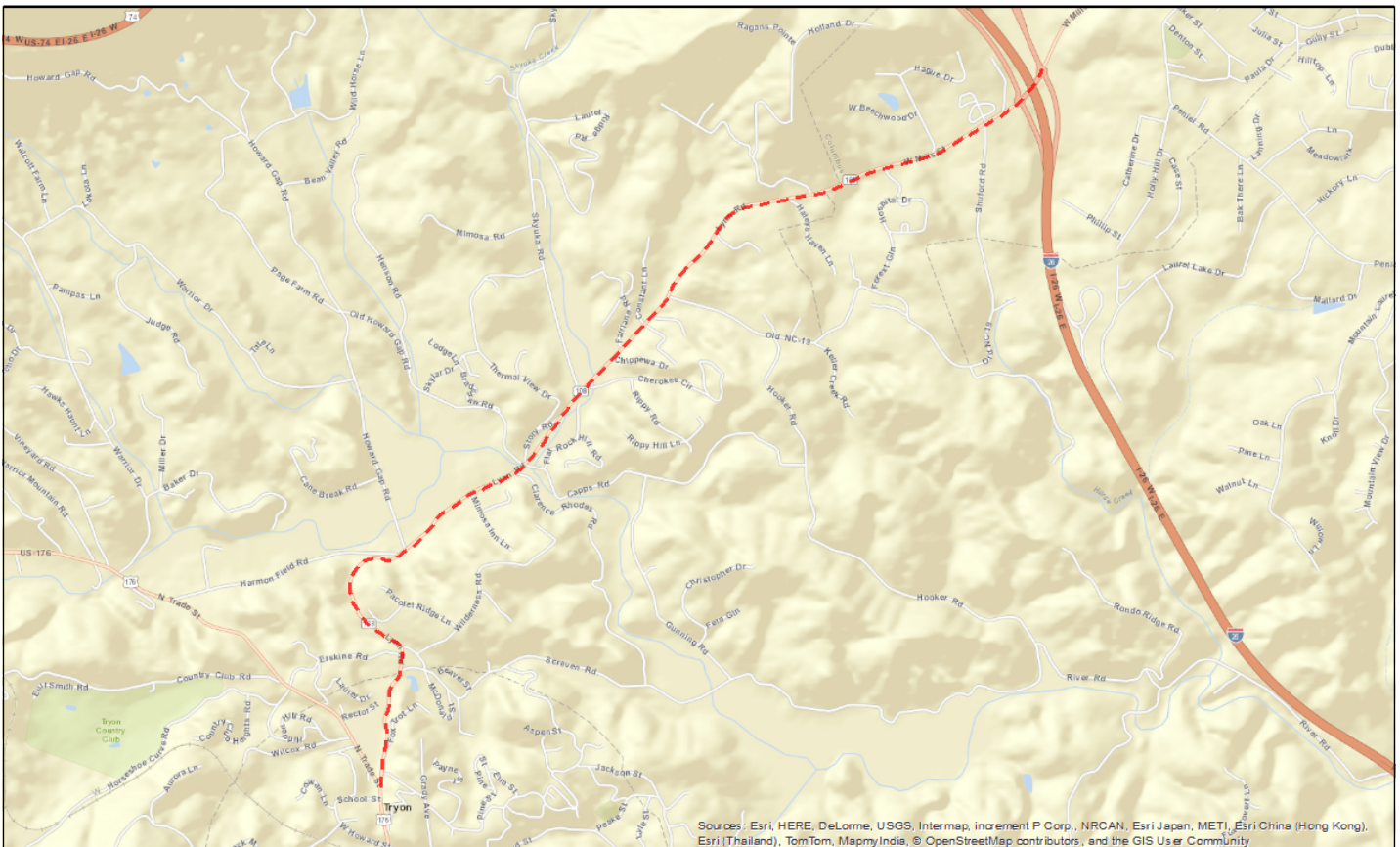
Widen, Add Sidewalks to Meet Compliance with Complete Streets to Improve Mobility/Safety

**Division(s):** Division 14

**County(s):** POLK

**MPOS(s)/RPO(s):** Isothermal RPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 30.93**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 36.63 Safety (10%) 60.29 [Travel Time] Benefit/Cost (25%) 0.63 Accessibility / Connectivity (10%) 5.82	Percent: 15% Points: 0	Percent: 15% Points: 100
<b>Totals: Weight: 70% Weighted Score: 15.93</b>		

**Division Needs Total Score: 13.48**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 36.63 Safety (10%) 60.29 [Travel Time] Benefit/Cost (20%) 0.63	Percent: 25% Points: 0	Percent: 25% Points: 0
<b>Totals: Weight: 50% Weighted Score: 13.48</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	36
Length (miles):	3.53
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	8724.51
Capacity:	15794.97
Volume/Capacity Ratio:	0.55
% Autos:	97%
% Trucks:	3%
Truck Volume:	230.75
Crash Density:	76.33
Crash Severity:	52.08
Critical Crash Rate:	52.47
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	98
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	36
Length (miles):	3.53
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	666670.38
Travel Time Savings for 30 Years (Autos):	649037.76
Travel Time Savings for 30 Years (Trucks):	17632.62
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 14

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 14	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Isothermal RPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$15,276,000	TIP Unit
Right-of-Way Cost:	\$7,227,000	Cost Estimation Tool
Utilities Cost:	\$867,000	Cost Estimation Tool
Total Project Cost:	\$23,370,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$23,370,000</b>	